
Open Space

**Selected
Grants**

**National
Endowment
for the Arts**

**Design
Arts
Program**

Additional copies of this booklet
or further information on these
grants can be obtained from:

Partners for Livable Places
2120 P Street, NW
Washington, DC 20037
202/223-5867

or

Design Arts Program
National Endowment for the Arts
2401 E Street, NW
Washington, DC 20506
202/634-4276

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Edited by
Roberta Faul

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Introduction

The National Endowment for the Arts, an independent agency of the federal government, was established in 1965 to encourage and assist the nation's cultural resources. The Endowment's goals are to make the arts more widely available, to preserve the nation's cultural heritage, to strengthen its cultural organizations and to encourage its creative talents.

Design Arts, one of the Endowment's twelve program areas, pursues these goals in the design fields through both grant making activities and special advocacy projects.* In its fourteen-year history, (1966-1980), the program has made available more than \$26 million for a broad range of activities in the design arts--planning and design projects in communities of all sizes; professional education and development for practitioners of the design arts; research on design issues; and "awareness" projects in schools and communities.

In addition to grant making, the program conducts a Design Excellence Project in order to encourage both citizens and the government to recognize the role of good design in making our environment more beautiful, more efficient and less costly.

In 1977 Design Arts published a ten-year report (By Design) containing a history of its activities. An outgrowth of this report has been a series of smaller booklets on such topics as downtown revitalization, adaptive use and neighborhood conservation. The booklets constitute a series entitled "Selected Grants", each with a theme and descriptions of a sampling of people and projects assisted by the Design Arts Program, and are intended to suggest useful developments and trends in the design field, and to provide readers with sources for further information.

"Open Space" is a sampling of grants dealing with landuse planning, conservation, recreation, natural environment, recreation and a wide variety of landscape open space design projects. The large number of grants in this area suggests strongly that government officials and citizens alike are becoming aware they can have excellence in their environment if they desire it and plan for it.

Many of the grants listed here respond to the specific concerns of a particular community, state or region, for example: the development of design techniques to preserve Hawaii's natural beauty; a system of biking, canoeing and bridle trails linking important cultural landmarks in Western Maryland; landscape design for the town common of Colebrook, New Hampshire; temporary and permanent parks on New York City-owned vacant lots; and the "regreening" of streets in Huntington, West Virginia.

What these grants demonstrate is a the range of imaginative and innovative approaches that are being used to protect and enrich valued areas; to enhance the visual and environmental aspects of public spaces in the built environment; and generally to improve the quality of life in the places where people live, work and play. It is our hope that "Open Space" and the other booklets in this series will provide you with the opportunity to learn from the experience of our grantees.

Michael John Pittas
Director
Design Arts Program

* The Design Arts Program, formerly titled Architecture, Planning & Design, represents the fields of architecture, landscape architecture, urban design and planning, interior design, industrial design, fashion and graphic design.

Waterfronts

A study of the historic Vieux Carre waterfront in New Orleans identified immediate and long-range goals for the best utilization of the area for recreation, industrial, commercial, and transportation needs, leading to design proposals for the area.

Tulane University
6823 St. Charles Avenue
New Orleans, LA 70118
Contact: William K. Turner, Dean, School of
Architecture, 504/865-4011
\$30,000 / FY 1969

The changes and manipulations of the Charles River edge of Boston were studied. A proposal for a new Harvard Bridge, modeled in concept after the Ponte Vecchio, was shown in model form (thirteen feet long), plans, and photographs. Though the bridge plans were not implemented, the study contributed to the dialogue among education, civic, and government groups in the Boston/Cambridge area.

Friedrich St. Florian
Associate Professor of Architecture
Rhode Island School of Design
Providence, RI 02903
\$10,000 / FY 1972

A study of the Rio Grande River as a major edge for Albuquerque--which might have important design implications for other arid cities--was done under this grant. Plans were made to establish a nature preserve as a method of developing the river corridor for public benefit.

City of Albuquerque
Box 1293
Albuquerque, NM 87103
Contact: Vern C. Hagen, Planning Director, 505/766-7465
\$40,000 / FY 1973

A study of the best use of the Mississippi River edge of New Orleans was made under this grant. A multi-disciplinary effort, the study inventoried existing structures and produced an economic, historical, land-use, and ownership analysis leading to a new master plan of the river edge.

City of New Orleans
Office of the Mayor
City Hall
1300 Perdido Street
New Orleans, LA 70112
Contact: Wayne Collier, Director, Vieux Carre Commission,
630 Chartres Street, New Orleans, LA 70112, 504/581-3510
\$40,000 / FY 1973

A study of multiuse possibilities for a deteriorating waterfront in Portland, Maine, set up new public access to the waterfront, and established design controls over rehabilitation and new construction.

City of Portland
Planning Department
City Hall
Portland, ME 04111
Contact: Paul A. Rollins, 207/775-5451
\$39,645 / FY 1973

Reuse of piers in San Francisco for public use and enjoyment was studied. A physical, legal, and economic framework for redevelopment of Embarcadero Gardens was prepared with recommended implementation by a non-governmental, nonprofit entity.

Sierra Club Foundation
1500 Mills Tower
220 Bush Street
San Francisco, CA 94104
Contact: Toby Rosenblatt, 415/362-4195
\$40,000 / FY 1973

The shores and tributaries of a large lake in Austin, Texas, was studied to explore the potential of developing the waterfront and the creeks and other tributary streams into a comprehensive open space network; as part of a guide for the future growth of the city.

University of Texas
Austin, TX 78712
Contact: J. Sinclair Black, School of Architecture,
512/471-1922
\$40,000 / FY 1973

Reestablishment of Stolp Island as a focal point of Aurora, Illinois, involved redevelopment of many old brick buildings representing several periods and styles of architecture, replanning of the riverfront with esplanades, fountains, terraces, and boating facilities; bridges and mass transit access. Along with earlier plans to revitalize the city's downtown, this redevelopment of the fifteen-acre island "provides a unique opportunity to create a 'sense of place' in an urban setting."

City of Aurora
44 East Downer Place
Aurora, IL 60504
Contact: Edmond R. Browne, Jr., Administrative Assistant,
Office of the Mayor, 312/892-8811
\$42,000 / FY 1974

The redevelopment of three sections of the Chicago River was planned under this grant. The central segment--from Michigan Avenue to Lake Shore Drive--was planned to contain major new commercial, residential, and river-esplanade development.

City of Chicago
Department of Development and Planning
Room 1000, City Hall
Chicago, IL 60602
Contact: Martin R. Murphy, Deputy Commissioner,
312/744-4471
\$40,000 / FY 1974

Conversion of Lowell, Massachusetts' five and a half miles of canals--clearly its most unique feature--to educational, cultural, and recreational uses was planned. An overall basic design was created--with detailed designs for gatehouses, locks, and bridges; engineering feasibility studies; an environmental impact analysis; a cost analysis; and an action program. Local, state, and Federal funds became available for development.

City of Lowell
City Development Authority
JFK Civic Center
Lowell, MA 01852
Contact: Frank T. Keefe, Harrington, Keefe and Schork,
One Boston Place, Boston, MA 02108, 617/367-2760
\$30,330 / FY 1974

A comprehensive study of the Davenport waterfront--extending nine miles along the Mississippi--was planned. Present land uses include the central business district, commercial, industrial, residential, and open space; all in unplanned relationships. The study was undertaken just ahead of a proposal for flood control by the U. S. Army Corps of Engineers.

Davenport Levee Improvement Commission
City Hall
Davenport, IA 525801
Contact: Eugene O. Johnson, Executive Secretary,
319/326-7765
\$18,750 / FY 1974

A development plan for the revitalization of the Great Falls Power and Raceway System in Paterson, New Jersey, was funded under this grant.

Great Falls Development, Inc.
176 Maple Street
Paterson, NJ 07505
Contact: Francis Blesso, Deputy Director, Department
of City Development, 52 Church Street, Paterson,
NJ 07505, 201/684-3000
\$11,410 / FY 1975

Improvement of an urban beach by teams of young men was aided by this grant. The city of Catano near San Juan is densely populated, low-income, with a high concentration of restless young. This project intended to show how teams of young people could improve the area. Funds were used for professional planning and supervision, salaries for twenty workers, materials, and rental of heavy equipment.

Youth Action Administration
Avenida Ponce de Leon 1250
Santurce, PR 00908
Contact: Oscar Davila Suliveres, Administrator,
809/723-1163
\$25,000 / FY 1975

Development of design guidelines for reuse of the vacant Boston Naval Shipyard. This National Landmark property, adjacent to the U.S.S. Constitution National Historic Site, was to be developed in keeping with the historic environment.

Boston Redevelopment Authority
City Hall, Room 911
Boston, MA 02201
Contact: Robert T. Kenney, Director, 617/722-4300
\$10,000 / FY 1976

A design study of the potential reuse of underutilized older buildings and vacant land on the Burlington waterfront was assisted by this grant.

City of Burlington
Planning Commission
P.O. Box 941
Burlington, VT 05401
Contact: William N. Aswad, Chairman, 802/862-5711
\$20,000 / FY 1976

A study of design details for a waterfront greenbelt linking a public beach, a vocational school, several historic sites, and a proposed marina was funded. The proposed walkway was to key upon a number of traditional but overlooked factors in the history and physical environment of the City of South Portland, Maine.

City of South Portland
City Hall
25 Cottage Road
South Portland, ME 04106
\$12,500 / FY 1976

A study of Tacoma's public urban shoreline areas was funded to provide public amenities to assist in rejuvenation of the Ruston Way area with a sensitivity to scale, comfort, and design.

City of Tacoma
930 Tacoma Avenue
Room 335
Tacoma, WA 98402
Contact: Russell C. Buehler, Director of Planning,
206/593-4170
\$32,500 / FY 1976

A study of the visual image of beaches in the Los Angeles area--in terms of visual forms, building types, land use matters, and circulation--was funded. Development of a catalog on the range and rationale of potential development patterns and images for the beaches was also planned.

Ronald C. Filson
8330 17th Street
Santa Monica, CA 90403
\$7,000 / FY 1976

A master plan for redevelopment of the Village lakefront and bay was prepared in order to preserve natural scenic values, strengthen ecological functions, enhance its "small character" and provide for the needs of residents and tourists.

Village of Williams Bay
Village of Williams Bay, WI 53191
Contact: Thomas A. Lothian, Trustee and Chairman,
Finance and Ordinance Committee, 312/996-5400
\$4,000 / FY 1977

Plans for revitalization of Eastport, Maine's historic downtown/waterfront were formulated. Project was to include analysis of waterfront systems and buildings; planning and design studies; and development of a masterplan and an action plan for funding and implementation.

City of Eastport

City Rooms

Eastport, ME 04631

Contact: Bruce Tsuchida, Townscape Associates,
617/646-2264

\$10,000 / FY 1978

A graphics and interpretive information system for Denver's Platte River Greenway was designed. Signage was to direct users to facilities and recreational and study areas and provide interpretive information on the river's history and ecology.

South Platte River Greenway Foundation, Inc.

1421 Court Plaza

Denver, CO 80202

Contact: Robert M. Searns, Project Director, 303/
575-3268

\$1,350 / FY 1978

Historic districts and sites

An advanced strategy to guide the evolution of historic Santa Fe included an inventory of historic structural elements including its irrigation ditches, river, plazas, street patterns, and blockforms. A three-dimensional model was generated to provide a framework for local owners to carry out building schemes consistent with new guidelines.

City of Santa Fe
Planning Department
P.O. Box 909
Santa Fe, NM 87501
Contact: Harry Moul, City Planner, 505/982-4471
\$21,492 / FY 1974

Replanning of Orleans Street in the Vieux Carre as a pedestrian mall involved a detailed study of the history of the street as well as a detailed design. The four-block-long avenue connects the historic St. Louis Cathedral-Jackson Square Complex with the New Orleans Cultural Center, and would become a landscaped, pedestrian oriented passage.

Jack R. Cosner
1029 Orleans Street
New Orleans, LA 70116
\$10,000 / FY 1974

Expansion of preservation efforts in Galveston--began with an ongoing program of reuse of 19th-century buildings along the Strand--was aided. Emphasis under this grant was to extend this effort to other key areas of the city, such as the adjacent sharp area, with studies of visual ties, pedestrian access, public transportation, traffic, parking, and public spaces.

Galveston Historical Foundation, Inc.
P.O. Box 302
Galveston, TX 77550
Contact: Peter H. Brink, Executive Director, 713/765-7834
\$42,000 / FY 1974

A plan to adapt a major campus plan to Denver's historic district was jointly administered by a private preservation agency and the state agency. The campus plan was revised to provide a link between the modern city and the historic Cherry Creek area which includes a variety of buildings on the National Register; with emphasis on appropriate landscape design and adaptive use of numerous buildings.

Historic Denver, Inc.
1059 Ninth Street
Denver, CO 80205
Contact: Jacques C. Brownson, Director, Planning and Development, Auraria Higher Education Center, 820 16th Street, Denver, CO 80202, 303/892-3337
\$50,000 / FY 1974

To preserve the rural Waterford National Landmark Historic District near Washington, D.C.--"so that future generations...may have available a vivid and picturesque example of American countryside"--the grantee used professional planning help in making a long-range plan and establishing its implementation. The area involved was 1230 acres in and surrounding Waterford, Virginia, and a 925-acre corridor on the road to the south--all almost entirely devoid of subdivision development.

The Waterford Foundation
Waterford, VA 22190
Contact: Mary Mercker, 703/882-3336
\$10,000 / FY 1974

Reclamation of the amenities of historic streets in Annapolis, Maryland, was planned, including removal of some of the modern macadam surfacing to restore the original cobble, brick, or Belgian block paving, and design and installation of street furniture, lighting standards, and other details appropriate to the historic area.

Historic Annapolis, Inc.
18 Pinkney Street
Annapolis, MD 21401
Contact: Richard Kearns, 301/267-7619
\$9,566 / FY 1975

The unearthing and cleaning of eighty- to ninety-year-old brick sidewalks (with future maintenance guaranteed) was intended as part of the restoration of this Spoon River community, emphasizing the period 1890 to 1910.

Village of London Mills
Village of London Mills, IL 61544
Contact: Robert C. Boden, President, Board of Trustees,
309/486-3315
\$900 / FY 1975

To improve coherence of the visual setting in a historic 180-block area of Wilmington, North Carolina, grantee formulated design recommendations; specific programs and plans for demonstration projects; and a manual for streetscape, surface treatment, vehicular and pedestrian requirements.

City of Wilmington
Planning Commission
P.O. Drawer 1810
Wilmington, NC 28401
Contact: Richard A. Fender, Director of Planning,
Wilmington-New Hanover Planning Department, 919/762-8734
\$17,300 / FY 1977

Plans and designs for open spaces in the 21-block York Historical and Architectural Review District were prepared under this grant given for environmental design services. Pedestrian-oriented amenities for the area--which includes half of the central business district--included signage, street furniture, paving, and plantings.

City of York
50 West King Street
Box 509
York, PA 17405
Contact: Elizabeth Marshall, Mayor, 717/543-8841
\$12,100 / FY 1977

Efforts to conserve the civic heritage of seaport towns in New England and the Mid-Atlantic region were supported. Grantee proposed to survey conservation activities in 100-200 towns, identify major issues, and assess the feasibility of establishing a Civic Trust-like network linking the towns.

The Conservation Foundation
1717 Massachusetts Avenue, NW
Washington, DC 20036
Contact: John Clark, Coastal Zone Management Program,
202/797-4360
\$15,000 / FY 1977

Design planning studies of streetscape improvements were made to aid in the rehabilitation of historic buildings along Harrison Avenue in Leadville, Colorado.

City of Leadville
City Hall
Leadville, CO 80461
Contact: Gage Davis and Associates, Boulder, CO 80302
\$20,000 / FY 1978

Design work on Lowell, Massachusetts' existing hydro-power systems was undertaken as part of a larger effort to preserve the city's unique and historic energy resources and adapt them for contemporary needs.

City of Lowell
City Hall
Lowell, MA 01852
Contact: Cathie Meehan, Assistant Planner, 617/459-6138
\$25,000 / FY 1978

A master preservation plan for the Oysterville Historic District was formulated as guidance for future development of land parcels in and near the district. Guidelines for new construction also were to be included in the plan.

Oysterville Restoration Foundation
Box 98
Oysterville, WA 98641
Contact: Michael Parker, Landscape Architect/Planner,
503/228-6073
\$4,500 / FY 1978

Films showing patterns of use of streets and urban space were made. Films were intended to document research based on direct observation supplemented by time-lapse and regular cinematography. The goals were to discern patterns of use or nonuse valuable to planners, architects, and others concerned with cities; and to develop a relatively simple research methodology for uncovering such patterns.

National Recreation and Park Association

1601 N. Kent Street
Arlington, VA 22209

Contact: William H. Whyte, The Street Life Project,
131 East 61st Street, New York, NY 10021.
\$15,000 / FY 1972

Alternate plans for the reuse of 260 acres of incity railroad yard property in Reading, Pennsylvania, were developed under this grant.

City of Reading

Bureau of Planning

City Hall

Reading, PA 19601

Contact: Robert E. Bartmann, Planning Director,
215/373-5111

\$21,045 / FY 1973

New linkages between a blighted downtown and a vigorous adjacent campus in Youngstown were planned. The cleared renewal area is separated from the expanding campus by a sixty-foot vertical change and by a railroad right of way. The project involved developing physical, visual, and symbolic linkages--to "encourage communication, breakdown age stratification, and preserve and make better use of the physical structure of downtown."

William A. Brenner

2245 Cordova Avenue

Youngstown, OH 44504

\$5,000 / FY 1974

Definition of Baltimore's city edge through lighting and landscaping was studied under this grant. The goal was to treat the city's edges and its entrances as an urban information system, including international signage, control of private signs, entrances, and land uses; creation of a prototype area for underground utility wires; and development of architecturally designed billboards.

City of Baltimore

Department of Planning

222 East Saratoga Street

Baltimore, MD 21201

Contact: Alan F. Deanehan, Chief, 301/396-4307

\$40,000 / FY 1974

A three-phase program to renew and build awareness in Bloomington, Indiana, involved 1) preservation of historic buildings and spaces, 2) a replanting program "to recreate the tree-lined streets of the past," and 3) development of a graphic information system to "disseminate information on the community's history, landmarks, and facilities."

City of Bloomington
P.O. Box 100
Municipal Building
Bloomington, IN 47401
Contact: W. T. Crossman, Planning Director, Planning
Department, 812/339-2261
\$7,500 / FY 1974

A plan to reinforce and enliven the central business district of Morganfield, Kentucky, included a new link connecting the Morgan's Spring historical site and the County Courthouse with public plazas, landscaping, new signage, pedestrian mall sculpture, and shopper rest areas. The goal was to avoid the typical exodus of commercial activities to peripheral centers.

City of Morganfield
118 East Main Street
Morganfield, KY 42437
Contact: Byron F. Heffington, City Administrator,
502/389-2525
\$3,000 / FY 1974

A design study to improve the highway corridors into Philadelphia was made. The Schuylkill Expressway was chosen because of its prototypical nature, the possibilities of early implementation, and the willingness of business along the route to participate and respond to the study.

City of Philadelphia
1620 Municipal Services Building
Philadelphia, PA 19107
Contact: Hillel S. Levinson, Managing Director,
215/686-3481
\$50,000 / FY 1974

Creation of vital neighborhood centers around the new Metro stations in Washington, DC, was studied. The project built on the large-scale development planning already underway for the forty Metro areas, but focused on obtaining sculpture, plantings, and special pavings, and obtaining desired building arrangements. The goal was "to renew pride and special character in the various neighborhoods."

District of Columbia Bicentennial Commission
Office of Planning and Management
Room 409, District Building
Washington, DC 20004
Contact: J. Kirkwood White, Office of Planning and
Management, 1329 E Street, NW, Washington, DC 20004,
202/629-2686
\$50,000 / FY 1974

Planning for cultural activities on Washington's "Streets for People"--blocks set aside for pedestrian use in front of the Martin Luther King Memorial Library, the National Collection of Fine Arts, and the National Portrait Gallery--were planned under this grant as "a new local focus for the public arts and life of the District."

District of Columbia Public Library
901 G Street, NW
Washington, DC 20001
Contact: Henry E. Battes, Acting Director, 202/727-1101
\$42,700 / FY 1974

A proposal to separate the streets of central Washington, DC, into two systems--a "private system" of grid streets assigned to pedestrians, trucks, and autos; and a "public system" of boulevards intersecting squares and circles assigned to pedestrians, buses, and bicycles--was intended "to return L'Enfant's boulevards, circles, and squares to their original function of public open space."

District of Columbia
Office of Planning and Management
Room 409, District Building
Washington, DC 20004
Contact: Joseph Passonneau, 3015 Q Street, NW, Washington, DC 20007, 202/965-2679
\$50,000 / FY 1974

A proposal to link "the loose pieces of the typical 'strip' into a new kind of classic Main Street" was developed; steering away from driving toward a more "self-propelled pedestrian attitude." The grantee's premise was that the strip was "an infrastructure from which can be created an exciting kind of outdoor living space, not by cleaning it up but by reorganizing it with new street furniture, playgrounds, plazas, graphics, and the like." North Main Street in Providence, Rhode Island, was the example used.

Michael A. Kreski
265 11th Street, NW
Atlanta, GA 30309
\$2,000 / FY 1974

An open-sky "amphi-plaza" at the end of La Jolla's main shopping avenue, as a component of the amended La Jolla Master Plan, was studied. At the most densely-visited area of the village, the plaza was planned as a wide and comfortable pedestrian place with the last public, in-town view of the sea and waves.

Judith Munk
9530 La Jolla Shores Drive
La Jolla, CA 92037
\$10,000 / FY 1974

New uses of land under elevated highways were studied. Three parcels of such land in Providence--a series of small islands under the supports of Interstate 95; and two sites within an industrial complex adjacent to the central business district--were planned as case examples. The goal was to develop outdoor spaces "enjoyable and stimulating to be in and to use"--utilizing landscaping, art objects, and street furniture.

Gloria Root
P.O. Box 956
Rhode Island School of Design
Providence, RI 02903
\$10,000 / FY 1974

An effort to preserve ethnic and symbolic values during urban "improvement" efforts focused on Lower Sacramento Street in Berkeley, a black Model City area. Design options were developed to utilize land reclaimed from an abandoned railroad strip, to preserve the character of the existing commercial and social strip, and enhance rather than remove the ethnic identity of the area.

Paul T. F. Wang
1830 Arch Street
Berkeley, CA 94709
\$7,300 / FY 1974

The planning/design study for Ann Arbor's Liberty Street Corridor, facilitated by this grant, was to place special emphasis on the impact of a newly constructed Federal building. Combining adaptive-use designs with financial incentives, the study was to attempt to increase commitment by public officials to the conservation of remaining 19th-century streetscape elements on a route linking the central business district, the University campus, and adjacent residential neighborhoods.

Ann Arbor Tomorrow
115 1/2 East Liberty Street
Ann Arbor, MI 48108
Contact: Guy C. Larcom, Jr., Executive Director,
313/665-4433
\$10,000 / FY 1978

Preparation and dissemination of the book Streetscape Equipment Sourcebook was funded. An expansion of an earlier prototype edition, this publication was to be a "compendium of products selected for superior visual design, performance, and safety" similar to the British Design Index for Street Furniture.

Center for Design Planning
3695 St. Gaudens Road
Coconut Grove, FL 33133
Contact: Harold Lewis Malt, Director, 305/448-8422
\$42,960 / FY 1976

A streetscape redesign project connecting Old Town Albuquerque to the newly rebuilt downtown was funded. The proposed Lomas Boulevard project was to "serve as a demonstration for landscaping and pedestrian improvements planned as part of the city's general effort to humanize urban centers and the street environment."

City of Albuquerque
P.O. Box 1293
Albuquerque, NM 87103
Contact: Frank A. Kleinhenz, Chief Administrative
Officer, 505/766-7550
\$30,000 / FY 1976

A master design for the Italian-American village section of Jersey City was to be prepared in hopes of reviving a sense of ethnic character in this neighborhood. The project, to be carried out in concert with VITA (Village Italian-Americans Take Action), was to include design schemes for murals and building facades, plantings, street signs and furniture, and sites for street activities, all to give the neighborhood a greater sense of identity. A directory/map of the area was to be published for residents and visitors.

City of Jersey City
Department of Human Resources
City Hall
Jersey City, NJ 07302
Contact: Anthony Nicodemo, Executive Director, VITA,
462 Second Street, Jersey City, NJ 07302, 201/795-0638
\$6,530 / FY 1976

The redesign and adaptive reuse of alleys in three Louisville residential and commercial neighborhoods was the focus of this grant.

City of Louisville
Community Development Cabinet
730 West Market Street
Louisville, KY 40203
Contact: William B. Gatewood, Director, 502/587-3081
\$47,000 / FY 1976

Development of a comprehensive design plan for an area in New Orleans, Louisiana, was funded. Included in the plan for the Lower Garden District were to be strategies for land use, housing, plantings, lighting, signs, transporations and traffic patterns, recreational facilities, and economic composition of both residential and commercial areas within the district.

City of New Orleans
Historic District Landmarks Commission
1300 Perdido Street
Room 9W
New Orleans, LA 70112
Contact: Saundra K. Levy, Director, 504/586-4751
\$10,000 / FY 1976

The rehabilitation plan for Congress Park in Saratoga Springs, New York, supported by this grant included historical research, a survey of user needs, and schematic designs for site amenities. Plans for circulation, landscaping, maintenance, and signage were also to be prepared along with a strategy for phased implementation.

City of Saratoga Springs
City Hall
Saratoga Springs, NY 12866
Contact: Dominic J. Cardillo, Deputy Director, Office
of Community Development, 518/587-0667
\$10,000 / FY 1976

Approaches for public and private action related to streetscape design were supported. These approaches were to be developed in conjunction with neighborhoods around Washington, DC's, Metro subway stations and with improved transportation patterns.

District of Columbia
Municipal Planning Office
District Building
14th & E Streets, NW
Washington, DC 20004
Contact: Ben W. Gilbert, Director, 202/629-5111
\$50,000 / FY 1976

A revitalization plan for the Hanover Square District in Syracuse, New York, was the focus of this grant. The study was to examine the structural and economic feasibility of adapting the area's older commercial structures to new uses, and was also to consider options for signage, facade treatment, and open space planning.

Society for the Advancement of the Visual Environment
678 West Onondaga Street
Syracuse, NY 13204
Contact: Dennis J. Connors, Executive Director,
Landmarks Association of Central New York,
315/475-4785
\$6,220 / FY 1976

Landscape design for the Town Common, Main Street, and six historical monuments in Chester, New Hampshire, was assisted by this grant. Funds were to pay for contractual services provided by a professional landscape architect.

Town of Chester
Town of Chester, NH 03036
Contact: Paul Traver, Chairman, Chester Historic
District Commission, 603/887-4745
\$500 / FY 1976

An environmental analysis of potential uses for the Penn Central Railroad Yards in the South Bronx was funded. This project was to combine professional resources and community participation to prevent the planned redevelopment of the land into an industrial park.

Wave Hill, Inc.
Center for Environmental Studies
675 West 252nd Street
Bronx, NY 10471
Contact: Betty Greenfield, 212/549-2055
\$20,000 / FY 1976

Development of design studies for the rehabilitation of a deteriorating, 14-block residential neighborhood in Worcester, Massachusetts, was funded. The project was also to involve the development of neighborhood open space and the treatment of neighborhood commercial structures.

Worcester Cooperative Council, Inc.
791 Main Street
Worcester, MA 01610
Contact: Christie J. Baxter, 617/791-3259
\$25,000 / FY 1976

Design of improvements to Narrow Gauge Avenue--a nine-block segment of Durango, Colorado's historic railroad route which passes through the downtown--was to be completed under this grant. A slide presentation, illustrated report and detailed design plan were to be produced and the project was expected to set a precedent for quality design throughout the downtown area.

Animas Regional Planning Commission
1911 North Main Street
Durango, CO 81301
Contact: Lynn T. Vandergrift, Regional Planner,
303/259-1440
\$3,145 / FY 1977

A physical design plan to improve the visual connection of major center city institutions and sites in Winston-Salem, North Carolina, was funded. Grantee focused on design of surface elements--pedestrian links, open spaces, street furniture and lighting--to unify and provide continuity for the area.

City-County Planning Board of Forsyth County and
Winston-Salem
City Hall
Winston-Salem, NC 27102
Contact: Jack A. Donnelly, Director, 919/727-2087
\$24,190 / FY 1977

Designs and models for "Tour Duluth"--a citywide graphics system to identify historic and natural features, public sites and buildings--were prepared. It was anticipated that a unified graphics system would strengthen the city's image and be integrated into the downtown redevelopment plan.

City of Duluth
Department of Planning and Development
409 City Hall
Duluth, MN 55802
Contact: Richard C. Loraas, Director, Department of
Planning and Development, 218/727-4522
\$22,440 / FY 1977

A design and implementation plan to improve downtown Pasadena, California, was funded. A major focus of the project was integration of the city's major elements through environmental amenities--street lighting, signs, plantings, street furniture and the like.

City of Pasadena
City Hall
Pasadena, CA 91109
Contact: Donald Pollard, Assistant City Manager,
213/577-4444
\$50,000 / FY 1977

A study addressing the physical and socio-economic impact of adaptive use of the P & LE Railroad complex on the surrounding neighborhoods was supported. Study was to emphasize the development of design solutions and cost estimates.

Pittsburgh History and Landmarks Foundation
One Post Office Museum
One Landmark Square
Pittsburgh, PA 15212
Contact: Arthur P. Ziegler, Jr., President,
412/322-1204
\$9,800 / FY 1977

Preliminary design plans for an abandoned, 200-acre right of way--from a once proposed freeway--were formulated. The redevelopment concept was to revitalize the 10 surrounding neighborhoods in Atlanta and East DeKalb County through reuse of the right of way land as a "Great Park" integrated with new mixed uses (commercial, residential, and industrial).

Atlanta Great Park Planning, Inc.
612 Clifton Road, NE
Atlanta, GA 30307
Contact: Quinn Hudson, President, 404/373-9630
\$10,000 / FY 1978

An open space master plan for alleyways in San Francisco's Chinatown was formulated to address the critical need for public spaces in this densely populated area. Grantee also developed alternative designs and cost estimates for several pilot projects.

Chinatown Neighborhood Improvement Resource Center
1441 Powell Street
San Francisco, CA 94133
Contact: Jennie Lew, Planner/Designer, 415/391-4133
\$15,000 / FY 1978

Reuse of a row of 18th- and 19th-century structures and the general vicinity of Wilmington's historic train station was investigated, and a design plan was to be produced under this grant. Aim of the project was to create a complementary environment for the station, which was undergoing \$15 million in renovations by the Federal Railroad Administration. Possible reuse activities for the mainly vacant structures included a visitor's center, transportation administration facilities, and related commercial services.

City of Wilmington
Wilmington, DE 19801
Contact: Elliott Golinkoff, Director, Division of
Planning, 302/571-4147
\$15,000 / FY 1978

Improvements to neighborhood shopping areas in Yonkers, New York, were planned, with the goal of maintaining each area's distinctive character. A design team worked with neighborhood revitalization committees--composed of retailers, building owners, shoppers, and banks--in developing design plans and strategies, including facade improvements, signage, tree plantings, and standards for maintenance.

City of Yonkers
City Hall
Yonkers, NY 10701
Contact: Walter Brown, Project Manager/Design,
914/963-3980
\$15,000 / FY 1978

Phase one of "Rails to Trails"--to inventory existing abandoned railroad rights-of-way and determine those most suitable for recreational and open space uses--was assisted. Grantee intended to establish an acquisition program in phase two and develop a demonstration project.

New Jersey Conservation Foundation
300 Mendham Road
Morristown, NJ 07960
Contact: Daryl F. Caputo, Assistant Director,
201/539-7540
\$18,630 / FY 1978

A block improvement program for West 46th Street in Manhattan was designed by the Project for Public Spaces. Plans were based on evaluation of pedestrian and vehicular traffic, uses of retail frontage, and user need for orientation mechanisms. Strong community involvement in the planning process was to be a key aspect of the project.

Project for Public Spaces, Inc.
875 Avenue of the Americas
New York, NY 10001
Contact: Maristella Jelencovich Kelsey, Vice President,
West 46th Street Block Association, 212/765-3207
\$5,000 / FY 1978

Design plans for a proposed Interstate Highway in Little Rock, Arkansas, were evaluated and recommendations were made to reduce the impact of I-630 on historic neighborhoods, cultural resources, parks, and the general character of areas affected by the highway development. Grantee anticipated that the project would be a model for highway design in historic areas.

State of Arkansas

State Capitol

Little Rock, AR 72201

Contact: Anne Bartley, National Governors Conference,
444 North Capitol Street, NW, Washington, DC 20001,
202/466-8960

\$30,000 / FY 1978

Design proposals for a 145-acre cleared site--once intended as a freeway in the heart of Milwaukee's urban neighborhoods--were developed and evaluated for the Park West Redevelopment Task Force. The goal: to integrate new development and open spaces within the existing urban context.

University of Wisconsin-Milwaukee

P.O. Box 413

Milwaukee, WI 53201

Contact: Larry Witzling, Urban Design Consultant,
414/562-3000

\$25,000 / FY 1978

A study of downtown pedestrian shopping malls was completed under this grant. A booklet, "The Downtown Pedestrian Shopping Mall," 162 pages, examined the history and possible future of the mall; and described its uses, advantages, and limitations.

James R. Cothran
59 15th Street, Apt. 3-A
Atlanta, GA 30309
\$2,000 / FY 1970

The development of a "Festive Plaza" in East Harlem was advanced under this grant. The first phase of the project was the development of a handbook describing the project; this second phase involved the use of the handbook in soliciting construction funds and sponsors for the Plaza.

James H. Tyner
c/o Warner, Burns, Toan, Lunde Architects
724 Fifth Avenue
New York, NY 10019
\$7,100 / FY 1971

A comprehensive urban design plan for Gainesville, Georgia, included a pedestrian linkage between downtown, the Lake Lanier waterfront, and the Brenau College campus. Special emphasis was placed on the rich cultural heritage of Green Street and extension of the open space of Ivy Terrace Park to the waterfront.

City of Gainesville
City Hall
Gainesville, GA 30501
Contact: J. Carlyle Cox, Director, Gainesville Model
Cities, Gainesville, GA 30501, 404/532-4081
\$19,000 / FY 1974

A mall competition plan for Titusville, Pennsylvania--intended to improve a Victorian central business district and discourage peripheral malls or shopping plazas--was funded. This project was part of a broad program intended as Titusville's Bicentennial Community Program.

Dale R. Fox
521 North Perry Street
Titusville, PA 16354
\$6,000 / FY 1974

Development of a "City Place" in Austin--an outdoor space "where all can feel the uniqueness of the city, with a sense of the past and future"--was proposed. The grant funded redevelopment of a street with its adjacent structures and graphics in an effort to provide a center for coordination of all renewal efforts in the downtown area. Analysis was made of the physical aspects and also the economic feasibility and financial program. The site chosen in Austin was Congress Avenue, the old main street leading from the Colorado River to the State Capitol.

John Andrew Gallery
1406 Hardouin Avenue
Austin, TX 76703
\$10,000 / FY 1974

A study to generate concern for improvement of walking conditions in the city examined typical impediments to pedestrian movement using examples found in central Washington, DC, and recommended improvements in design and provision of amenities for walking--at sidewalks and street crossings, interchanges with other modes of transportation, at the national monuments, and in urban commercial and residential areas. A booklet for distribution to professionals and city officials was prepared, illustrated with photographs, sketches, and diagrams.

Lois G. Jackson
241 Tenth Street, SE
Washington, DC 20003
\$5,000 / FY 1974

A pedestrian way linking community facilities in a low-income neighborhood was planned. Facilities along the linkage system included a day care center, a health care center, two community schools, a cultural arts center, a community center, a senior citizens center, and three neighborhood parks. Pedestrians and bicyclists would use greenways or paved pathways to reach these facilities without crossing major arteries in the high-density area.

Metropolitan Dade County
Dade County Courthouse
Room 911
73 West Flagler Street
Miami, FL 33130
Contact: Horace W. Morris, 5959 Northwest 35th Avenue,
Miami, FL 33142, 305/634-3561
\$15,000 / FY 1974

A proposal to create 350 auto-free acres in the center of Providence was developed, "to create a pedestrian district unlike that found in any other city...in its human scale and comprehensibility." An alternate system for coordinated transportation access to the central business district was developed. This project was part of a broader interdisciplinary study for revitalization of Providence center city.

Rhode Island School of Design
2 College Street
Providence, RI 02903
Contact: Gerald Howes, Associate Professor, Division
of Architectural Studies, 401/331-9488
\$50,000 / FY 1974

An analysis of recycling streets to non-vehicular use in Honolulu and Berkeley categorized streets as "channel connectors," or "separators," or "reuse potential" for bazaars, festivals, parks, housing sites, or bicycling.

Jack T. Sidener
Department of Architecture
University of Washington
Seattle, WA 98105
\$9,500 / FY 1974

Production of two books on pedestrian use of cities was aided. The Rediscovery of the Pedestrian is a comparative analysis of selected American and European case studies; and Handbook for Pedestrian Action is a citizen guidebook directed to community planning boards, block associations, and concerned citizens.

Institute for Environmental Action, Inc.
81 Leonard Street
New York, NY 10013
Contact: Robert Brambilla, Director, 212/966-6390
\$10,000 and \$23,000 / FY 1975 and 1976

Prototypical designs and guidelines on elements of an urban pedestrian system--sightlines, vistas, pedestrian lighting, waste disposal, telephones, shade, seating, graphics, wind and noise buffering--were funded.

George H. Beggs
305 Riverside Drive
New York, NY 10025
\$8,610 / FY 1976

Development of a final design concept for an urban pedestrian mall in Burlington, Vermont, was funded.

City of Burlington
City Hall
Burlington, VT 05401
Contact: Patrick S. Robins, Chairman, Church Street
Mall Steering Committee, 802/658-4444
\$50,000 / FY 1978

Development of pedestrian spaces in the Capitol Square area of Columbus was funded.

City of Columbus
Department of Development
50 West Broad Street
Lincoln-Leveque Tower, Suite 401
Columbus, OH 43215
Contact: N. Jack Huddle, Director, 614/461-5763
\$25,000 / FY 1976

Support for the overall urban design of a downtown mall--framed by its old and new courthouses, a proposed cultural/civic facility, and shopping/commercial complex--was given to the City of Decatur, Georgia. This mall was planned to become the focal point of the city through its proximity to a rapid transit station.

City of Decatur
City Manager's Office
P.O. Box 220
Decatur, GA 30031
Contact: G. Curtis Branscome, City Manager, 404/377-9911
\$12,500 / FY 1976

Further development of detailed pedestrian plan for El Zocalo looking towards implementation of the entire concept was supported by this grant. This project is the continuation of an earlier grant for the development of the El Zocalo town center plan for this area of Los Angeles.

The East Los Angeles Community Union
1330 South Atlantic Boulevard
Los Angeles, CA 90022
Contact: Xavier Mendoza, Director of Planning,
213/724-0276
\$38,610 / FY 1976

The design of open spaces and pedestrian walks in Colebrook, New Hampshire, was funded. The aim of the project was to be toward "upgrading the esthetic quality of the downtown area through the use of architectural landscaping techniques and signage."

Town of Colebrook
Selectmen's Office
Colebrook NH 03576
Contact: Frederick W. Kink, Selectman, 603/237-4070
\$5,000 / FY 1976

Designs for a central city pedestrian system linking activity centers in downtown Memphis and its surrounding residential neighborhoods were prepared. Project was to include the design of small elements--street lighting, landscaping, signs and pedestrian-scale street furniture--that would enhance the visual character and comfort of the central city area.

City of Memphis
City Beautiful Commission
Memphis, TN 38103
Contact: John Dudas, Office of Policy Planning
\$25,000 / FY 1977

An architectural design study of historic Afton Square was planned, including structural and market analysis as well as design work. Emphasis of the project was on exterior improvements to structures in the Square, parking facilities, open space, and landscaping.

City of Portsmouth
One High Street
Portsmouth, VA 23704
Contact: J. Brewer Moore, Director of Planning, 804/
393-8836
\$10,820 / FY 1977

Design of a pedestrian/bicycle path system and facilities--for a half mile section of St. Cloud's river frontage on the Mississippi--was prepared. Grantee proposed to build and test a section of the proposed route and facilities, and if successful, to extend the system along both sides of the river to interconnect with residential areas, city parks, and the downtown.

City of St. Cloud
Housing and Redevelopment Authority
9 5th Avenue North
St. Cloud, MN 56301
Contact: J. Michael Podawiltz, Director, 612/252-0880
\$29,980 / FY 1977

Design, planning and promotion of a predestian walkway linking Indiana State University with the downtown, the new City Library, and the historic preservation district were funded.

City of Terre Haute
Department of Redevelopment
417 South Fifth Street
Terre Haute, IN 47807
Contact: Harold E. Baker, III, City Planner, 812/232-0018
\$9,000 / FY 1977

Evaluation of recently built pedestrian areas in Wilmington, Delaware, was supported under this grant, along with the development of further design goals and a "kit of parts" to extend and improve areas for pedestrian use in the city.

City of Wilmington
Department of Planning and Development
1000 King Street
Room 358
Wilmington, DE 16801
Contact: Mrs. Patricia C. Schramm, Director, 302/511-4140
\$30,000 / FY 1977

Redesign of six public squares in Pittsburgh, supported by this grant, was to include an assessment process in cooperation with community organizations, users and potential users in order to develop creative solutions to existing problems within each public space.

Pittsburgh History and Landmarks Foundation
Old Post Office Museum
One Landmark Square
Pittsburgh, PA 15212
Contact: Arthur P. Ziegler, Jr., President, 412/322-1204
\$39,400 / FY 1977

Amenities in downtown pedestrian malls were the focus of this grant given for research and preparation of a handbook and film. Grantee proposed to use systematic observation studies of pedestrian behavior in malls as the basis for developing criteria for the design, selection and placement of amenities.

Project for Public Spaces, Inc.
875 Avenue of the Americas
New York, NY 10001
Contact: Fred Kent, Director, 212/564-2906
\$10,000 / FY 1977

A film and report on the function and design of public office building plazas were funded. Grantee prepared case studies of several plazas--including the Federal Office Building plaza in Seattle--to make recommendations on the uses and design of public open spaces.

Project for Public Spaces, Inc.
875 Avenue of the Americas
New York, NY 10001
Contact: Fred Kent, Director, 212/564-2906
\$5,000 / FY 1977

Plans and designs to improve Union Square, in Milford, New Hampshire, its environs and approaches were supported.

Town of Milford
Conservation Commission
P.O. Box 108
Milford, NH 03055
Contact: William Ferguson, Chairman, 603/673-1201
\$3,100 / FY 1977

Designs to incorporate the historic aqueduct into the Village of Ossining's development pattern were prepared, along with concept designs and details for the aqueduct's use as a pedestrian/recreational spine linking the community's neighborhoods and facilities.

Village of Ossining
Department of Community Development
15 Croton Avenue
Ossining, NY 10562
Contact: F. Joseph Pinizzotto, Director, 914/941-0751
\$25,000 / FY 1977

Plans for restoration of Smith Court--center of Boston's Afro-American community in the 19th-century--and its connecting alleyways were assisted with this grant for a design study and archeological survey. The project's goal: "to enhance the space both as an historical artifact and as useful and attractive 20th-century pedestrian space."

The Museum of Afro-American History
Box 322, Smith Court
Boston, MA 02114
Contact: Bryon Rushing, President, 617/723-8863
\$14,200 / FY 1978

A study of the potential recreational reuse of the C&O Canal, which runs from Washington, DC, to Cumberland, Maryland, was completed; with special attention focused on canal-front sections of Harpers Ferry, West Virginia, and the Georgetown section of Washington. History, current conditions, and existing recreational facilities and uses were included in the illustrated final report.

Donald William Evans
Planners, Inc.
1424 16th Street, NW
Washington, DC 20036
\$4,900 / FY 1971

Landscape designs to meet the recreational needs of low-income minorities were developed by the firm of William Wilson, a landscape architect. Four mini-parks for the inner city of Wilmington were designed and built with capital construction funds from the city's Parks and Recreation Fund. A booklet--Package Parks/A study of Open Space in Urban Communities--has been published.

Delaware State Arts Council
Room 803, Wilmington Tower
1105 Market Street
Washington, DC 19801
Contact: William Wilson, Wilson Associates, Box 4957,
Logo Court, Philadelphia, PA 19119, 215/247-4361
\$18,200 / FY 1972

A pedestrian and bicycle network to encourage exploration of Boston--in keeping with the city's Bicentennial theme of "The City as an Exhibit"--was planned. After discussions with residents and historical research, reports were filed on eight Boston neighborhoods, trails were designed, and trail maps produced. A marker system was designed and implemented.

Boston 200 Corporation
One Beacon Street
Boston, MA 02108
Contact: Michael Southworth, 617/267-6667
\$35,000 / FY 1974

Conversion of a fourteen-mile-long railroad right-of-way to a linear park or nature way was studied. The spur line, nearing abandonment, follows Montana's scenic Gallatin Valley. The project included photographing existing conditions, and making renderings of possible future uses and plans.

Bozeman City-County Planning Board
Room 103, Gallatin County Courthouse
Bozeman, MT 59715
Contact: Stan Steadman, Planning Director, 406/587-1752
\$9,475 / FY 1974

Expansion of an historic park master plan to encourage economic development in Camden, South Carolina, was funded. The grant was terminated without completion.

Camden Historical Commission
P.O. Box 710
Camden, SC 29020
Contact: Hope Boykin, Administrator, 803/432-9841
\$5,750 / FY 1974

The public use of outdoor urban space for "urban celebrations" such as neighborhood fairs, street festivals, and ethnic cultural events was studied, and "festival hardware systems" developed that could be loaned out to organizers of events. Prototype was the Baltimore City Fair held at the Inner Harbor Renewal Area, which in four years has grown to attract 1.8 million visitors over a three-day period.

City of Baltimore
Department of Planning
232 East Saratoga Street
Baltimore, MD 21201
Contact: Alan F. Deanehan, Chief, 301/396-4307
\$25,000 / FY 1974

Replanning of Marquette (Michigan) Harbor as a recreation facility in combination with present industrial uses included a study of development alternatives--stressing the harbor's scenic and historic values and new accessibility to the central business district.

City of Marquette
220 West Washington Street
Marquette, MI 49855
Contact: Norman L. Gruber, Jr., City Planner, 906/226-7582
\$3,844 / FY 1974

To promote and project a unique identity for Seattle Center--a 74-acre cultural sports and entertainment complex--a detailed urban-design plan for the area and its environs was made. Emphasis was on directions for future development around the area, which is now undergoing "sub-optimum development with little regard for the Center's unique quality and \$100 million public investment."

City of Seattle
Municipal Building
Seattle, WA 98104
Contact: Madelyn Lindsay, Seattle Center, 305 Harrison Street, Seattle, WA 98109, 206/583-2544
\$20,000 / FY 1974

Development of the Delaware-Raritan Canal as a recreational spine--with special emphasis on the canal as it passes through park areas within the City of Trenton--was planned. Both the canal and Cadwalader Park are of major historic importance to the city, and now offer opportunities for new circulation systems and current recreational needs.

City of Trenton
Department of Planning and Development
10 Capitol Street
Trenton, NJ 08608
Contact: Lee Weintraub, 609/393-9800
\$31,430 / FY 1974

Temporary and permanent parks on city-owned vacant land were established. Sites chosen included rubbish-filled urban renewal sites and undeveloped street ends at the waterfront which were identified under an earlier program. Work was coordinated with all appropriate city agencies.

The Parks Council
80 Central Park West
New York, NY 10023
Contact: Olga Straka, Associate Director, 212/799-6000
\$25,000 / FY 1974

Planning of a park to replace the demolished jail in Greenwich Village was aided. After demolition, an immediate study of the site and its surroundings (Village Square) was undertaken in consultation with the Planning Board and the community; and a design for a sunken park was proposed for community reaction and suggestion.

Frank Sanchis
1500 Washington Street
Peekskill, NY 10566
\$4,000 / FY 1974

A system of hiking, biking, canoeing, and bridle trails linking important cultural landmarks was created in the mountain region of western Maryland. Also resulting from the grant were a summary of the historic sites, seven published trail guides, and further trail proposals.

Stronghold, Inc.
Dickerson, MD 20753
Contact: Frederick Gutheim, Consultant on Urban Affairs,
1750 Pennsylvania Avenue, NW, Washington, DC 20006,
202/298-7789
\$16,000 / FY 1974

Design for a system of low-environmental-impact byways for casual foot, bicycle, and horseback transportation on Martha's Vineyard was studied as an alternative to an increasing road system. The system is planned to accommodate the expected continued growth of residents and tourists without spoiling the fragile character of the land and seascapes.

The Vineyard Open Land Foundation
General Delivery
West Tisbury, MA 02575
Contact: Robert Komives, Executive Director,
617/693-3280
\$14,750 / FY 1975

Development of a master landscape plan for Tampa's Plant Park was funded. The plan was also to be used in fund-raising and implementation projects to accomplish the park's renewal.

Arts Council of Tampa
512 North Florida Avenue
Tampa, FL 33602
Contact: Raymond C. Master, Jr., Executive Director,
813/229-6547
\$11,790 / FY 1976

A guidebook and kit for park development was to be prepared for national use and tested in the Dallas area. Emphasizing the needs of the people who do use and could use public parks, the catalog of do-it-yourself park improvements was to include materials, lists, construction details, and information on how to fund improvements and organize the community.

Community Design Center of Dallas, Inc.
c/o Anne Blocker
SMU, Box 945
Dallas, TX 75275
Contact: Ann Blocker, 214/691-7132
\$5,000 / FY 1976

The design of creative outdoor environments to be constructed near public schools in Los Angeles was the focus of this project. These environments were to be used as learning spaces for teachers and students, both during the design/planning/construction process as well as after the completion of the site.

Richard A. Gutierrez
413-B Howland Canal
Venice, CA 90291
\$10,000 / FY 1976

The comprehensive revitalization plan for Coney Island was to be prepared under this grant with emphasis on the preservation and adaptive use of older recreational facilities, the creation of new community amenities for vacant land, and the enhancement of the seashore and the commercial strip. Study was to aim at the promotion of private investment in the area and an increase in public awareness of Coney Island as an accessible urban resource.

Institute of Human Relations of the American Jewish Committee
165 East 56th Street
New York, NY 10022
Contact: Valerie Jorin, Director of Community Development, 212/751-4000
\$20,000 / FY 1976

Multidisciplinary workshops in play environment education for a seven-county area of New York State were supported. Object of each 12-week workshop was for the workshop staff and volunteers to plan and execute a well-designed, permanent neighborhood play facility for the participating community.

Associated Colleges of the Mid-Hudson Area
9 Vassar Street
Poughkeepsie, NY 12601
Contact: David Aaron, Director of Program Development, 914/471-7477
\$7,500 / FY 1977

Design of an Environmental Interaction System for St. Louis's Forest Park was planned as "a coordinated approach to design, selection, and placement of small-scale improvements" for the 1400-acre park. Grant was used to design the unifying system of pathways, information graphics, lighting, and street furniture.

City of St. Louis
Department of Parks, Recreation and Forestry
5600 Clayton Road
Forest Park
St. Louis, MO 63110
Contact: George M. Kinsey, Commissioner of Parks
\$11,500 / FY 1977

A waterfront park and access routes were designed for a former railroad right-of-way in Salem, Massachusetts. The right-of-way land was to be developed as a 40-foot-wide waterfront park connecting an existing public beach/recreation area and historic residential area.

City of Salem
Planning Department
One Salem Green
Salem, MA 01970
Contact: W. Gregory Senko, City Planner, 617/744-4580
\$15,000 / FY 1977

Studies of historic Grant Park in Chicago were undertaken in response to development pressures threatening both park and adjacent lands. Grantee was to assess parking, recreation and other demands on the park; prepare a catalogue of its architectural and other resources; and recommend policies and design strategies for the future.

The Open Lands Project
53 W. Jackson Boulevard
Chicago, IL 60604
Contact: April Young, Director, 312/427-4256
\$13,000 / FY 1977

A master plan for a linear park along the Bronx River in the South Bronx, New York, was prepared. This comprehensive revitalization project was intended to improve the physical environment with recreational trails and other facilities; provide job opportunities for the minority unemployed and young people; establish opportunities for development of small businesses; and create incentives for upgrading water quality of the river.

Bronx River Restoration Project, Inc.
375 East Fordham Road
Bronx, NY 10458
Contact: Axel Horn, Director of Long-Term Planning,
914/763-3081
\$18,000 / FY 1978

A prototype mobile park for Tampa, Florida's central business district was to be designed. Movable components--seating, planters, canopies--would be used to improve vacant lots in the CBD until redevelopment becomes feasible.

Environmental Education, Inc.
P.O. Box 1832
Tampa, FL 33601
Contact: David Wildes, Secretary, Tampa Community
Design Center, Inc., 813/228-7721
\$2,849 / FY 1978

Modification of conventional play facilities for moderately handicapped children was the focus of this project to compile reference materials, establish design criteria, and design specific structures that could be included in the planning of any adapted play area.

Pittsburgh Architects Workshop
237 Oakland Avenue
Pittsburgh, PA 15213
Contact: Stanley J. Kabula, 412/682-6360
\$5,970 / FY 1978

Fountains, art, regreening, etc.

A project to promote the arts in a new urban center in Jamaica, Queens, New York City, included hiring a full-time arts planner to urge placing of art in public spaces. The planner also held an exhibit of Queens artists, and made an architectural survey of Queens County.

Queens Council on the Arts
218-14 Jamaica Avenue
Queens Village, NY 11428
Contact: F. Carlisle Towery, Executive Director,
Greater Jamaica Development Corporation, 161-10
Jamaica Avenue, Jamaica, NY 11432, 202/291-0282
\$10,000 / FY 1972

The design of a large architectonic sculpture, suitable for placement in a city park, along an urban parkway, or in a new town or campus, was funded by this grant.

Craig Ellwood
Craig Ellwood Associates
1107 South Robertson Boulevard
Los Angeles, CA 90035
\$10,000 / FY 1973

Continued support of promotion of art in a new center in Jamaica, Queens, New York, was funded.

Queens Council on the Arts
218-14 Jamaica Avenue
Queens Village, NY 11428
Contact: F. Carlisle Towery, Executive Director,
Greater Jamaica Development Corporation, 161-10
Jamaica Avenue, Jamaica, NY 11432, 202/291-0282
\$20,000 / FY 1973

Planning and an action program for "regreening" Huntington, West Virginia, was established. The city had long been known for its tree-shaded avenues, boulevards, and parks--but many of the trees were affected by old age, relocation of traffic arteries, plus normal loss during building. The program consisted of re-planting of trees and shrubs in public areas, gifts of trees to business owners who agreed to plant and care for them, advice when requested to private citizens, and a program of leaf accumulation for planting purposes.

City of Huntington
Board of Park Commissioners
P.O. Box 284
Huntington, WV 25707
Contact: Charles C. Lewis, Director, Parks and
Cemeteries, 304/696-5954
\$34,735 / FY 1974

Planning for a broad and state-wide arts program in South Carolina was begun under this grant. An environmental artist was employed to develop projects such as playground sculpture, esthetic improvement of highway rest areas, reclaiming of abandoned public facilities for community activities, development of mini-parks in downtown areas. The artist served as catalyst to try to develop local support for each project.

South Carolina Arts Commission
829 Richland Street
Columbia, SC 29201
Contact: Rick George, Executive Director,
803/758-3442
\$15,405 / FY 1974

Guidelines for the location and design of fountains as sources of sound to hide or mask urban noises (such as traffic noises) were developed. Research was done at model scale; studies of noise from full-size fountains and other noise sources were made; and a booklet presented the guidelines in specific technical terms.

Glenn E. Sweitzer
235 Wyman Street
Waltham, MA 02154
\$11,000 / FY 1974

A "curator" for cultural-environmental activities in downtown Brooklyn, New York, was partially supported under this grant. "The revitalized area has attracted active people," and the "curator" was intended to assure that cultural-environmental concerns continued to be an intrinsic part of the redevelopment process.

Downtown Brooklyn Development Association, Inc.
26 Court Street
Brooklyn, NY 11242
Contact: Director, 212/522-7200
\$18,000 / FY 1975

Two "Celebrations in City Places" for Little Rock and Tulsa were "specifically designed to highlight and revitalize the urban centers of these cities by celebrating the resources which exist there...and expand the potential for community life..." The grantee group included local artists and performance groups in addition to the traveling Celebrations Group artists, and after a week's residency, the full-day program was climaxed by an evening performance in an environmental setting.

Elaine Summers Experimental Intermedia Foundation, Inc.
537 Broadway
New York, NY 10012
Contact: Marilyn Wood, Marilyn Wood and the Celebrations Group, 100 Third Avenue, New York, NY 10003, 212/477-3122
\$10,000 / FY 1975

A guide to planting of trees and shrubs in containers or tubs for landscaping of streetscapes, malls, plazas, and other public spaces was developed. The goal was to reduce the present high percentage of failure of such plantings.

New York Botanical Garden
Bronx Park
Bronx, NY 10458
Contact: Carlton B. Lees, Project Director, 212/933-9400
\$16,500 / FY 1975

A demonstration of creating open space by combining rear yards of a typical urban city block--to provide a common neighborhood green and recreational open space--was planned. The hope was the "if such a new city option were available on a broad scale, it would provide inducement to help stop the outflow of residents to the suburbs."

San Francisco Planning and Urban Renewal Association
126 Post Street
San Francisco, CA 94108
Contact: Sherwood Stockwell, Member of the Board, 415/781-1526
\$9,300 / FY 1975

A coordinated urban design plan for green spaces and public areas in Spartanburg, South Carolina, was funded. The grantee intended to create a document and media presentation of the plan for increased government and public understanding and utilization.

City of Spartanburg
City Planning Department
P.O. Box 1749
Spartanburg, SC 29304
Contact: W. H. Carstarpher, City Manager, 803/585-4361
\$5,000 / FY 1976

A public awareness program on creating community identity through vegetation planning was funded. An informative brochure, a slide presentation, and how-to-do-it materials were to be prepared and disseminated.

City of Upper Arlington
3600 Tremont Road
Upper Arlington, OH 43221
Contact: Hal W. Hyrne, City Manager, 614/457-5080
\$3,625 / FY 1976

Design and demonstration of fountains and animated water--"a decorative, humanizing and visually delightful element in cities"--were planned for the Louis Armstrong Park/Cultural Center site in New Orleans. Grantee proposed to investigate economical construction methods, low energy consumption, and low-maintenance water use.

City of New Orleans
Vieux Carre Commission
630 Chartres Street
New Orleans, LA 70130
Contact: Director, 504/581-3510
\$40,860 / FY 1977

Artists' planning and design fees for an open space enhancement program were supported. Project was conceived as a collaborative process involving city agencies artists, and the public to improve selected sites in Cambridge, Massachusetts--including blighted traffic islands, city entrances, and access routes. City departments guaranteed funds for artists' materials and labor for installation of the finished works.

Cambridge Arts Council Fund
57 Inman Street
Cambridge, MA 02139
Contact: Pamela Worden, Executive Director, 617/354-4182
\$20,000 / FY 1978

Land-use Planning, Conservation and Preservation of Open Space 39

A comprehensive revitalization plan for the Little Calumet River Basin, a neglected and polluted area at the southern tip of Lake Michigan, was undertaken. The design analysis concentrated on flood control and water quality, possible recreation and park uses, and regional government coordination, "Little Calumet River Study" is an illustrated summary.

Lake Michigan Region Planning Council
35 East Wacker Drive
Chicago, IL 60601
Contract: George N. Hall, Hall Kane Associates, Inc.,
607 Broadway, Gary, IN 46402, 219/882-9314
\$10,000 / FY 1967

A conference on the impact of the Tocks Island Dam on the upper Delaware River was held. The dam was to have created a 30-mile lake and a national recreation area; the conference on the opportunities for and opposition to the project was attended by about seventy-five Federal, state, and local leaders and planning officials. The conference received extensive press coverage in four states. This controversial dam project has since been abandoned.

Tocks Island Regional Advisory Council
Kymer Building
40 Park Place
Newton, NJ 07860
Contact: Frank W. Dressler, Executive Director,
717/421-9841
\$10,000 / FY 1967

Ways to combine coal extraction with desirable land development in the Appalachia region were studied. The hope was to find economically feasible "guidelines for the physical development of the mountain environment that would maximize levels of mineral extraction within acceptable limits of environmental health."

University of Kentucky Research Foundation
Lexington, KY 40506
Contact: James A. Prestridge, Director, Institute for
Environmental Studies, 606/257-1646
\$30,000 / FY 1969

A study of the feasibility of a watershed area for a new town was made under this grant. The Owens Valley area of California, a watershed for Los Angeles and largely owned by the city, was considered a prime site for a new town. The study was conducted and its methods and findings summarized in an 85-page book, Owens Valley Study, which has been distributed to all architecture and landscape architecture schools.

University of Southern California
Los Angeles, CA 90007
Contact: Ralph Knowles, Professor of Architecture,
213/746-2725
\$30,000 / FY 1969

To illustrate the impact of waterfronts on land-use planning concepts, small harbors were studied utilizing aerial and ground photography. A report on the public use of land and water resources was prepared.

Richard Tatlock
Coastal Research Corporation
30 Lancaster Street
Loft 2
Boston, MA 02114
\$5,000 / FY 1970

Criteria for control of growth in mountain-lake areas which are subject to increasing demand for recreational development were established. These criteria were presented in a report with graphic and photographic illustrations.

Sherwood S. Stockwell
350 Pacific Avenue
San Francisco, CA 94111
\$4,500 / FY 1971

A plan for control of development in New Jersey's Pine Barrens--a unique ecological area and the largest undeveloped tract of land east of the Mississippi--was developed. The goal was not to prevent development, "an impossible task for any area so large and so near existing urbanization," but to control the development in order to preserve the ecology and the vast quantities of pure underground water for future generations.

Joyce Haney
1274 East Kay Drive
Chevy Hill, NJ 08034
\$9,750 / FY 1973

A proposal of detailed planning alternatives for the Edwards Aquifer Recharge Zone in San Antonio was the focus of this project. The cooperative plan for the protection of this sensitive environmental area involved a written report and an audio-visual presentation to realtors, builders, developers, public officials, and land owners.

Citizens for a Better Environment, Inc.
705 South Texas Building
San Antonio, TX 78205
Contact: Anne Blocker, LaMancha Group, Inc., SMU Box
945, Dallas, TX 75275, 214/691-7132
\$25,000 / FY 1974

The best use of seven streams and rivers in Columbus, Ohio, was studied. A new design concept for reshaping, conserving and "preserving" the rivers, and for "facing the city towards the rivers" was developed.

City of Columbus
Department of Recreation and Parks
Columbus, OH 43215
Contact: Kenneth J. McElroy, Chief Land Architect,
614/461-7342
\$40,000 / FY 1974

A master plan for restoring Luther Burbank's historic experimental farm on 3.5 acres was funded. The program included physical site analysis, plans for long-term financial support to maintain the site, and a study of the impact of general public versus limited or restricted use of the site.

City of Sebastopol
7120 Bodega Avenue
City Hall
Sebastopol, CA 95472
Contact: Melvin K. Davis, City Manager, 707/823-7863
\$5,000 / FY 1974

Identification and protection of the "the edges" of San Juan, Puerto Rico--forty-five miles of inland water, twenty miles of ocean beach, and twenty miles of foot-hills--was planned. These elements, "working as an integrated natural system," are threatened by change, growth, and pollution. The resulting plan for development and/or preservation included strategies for implementation and economic alternatives.

Commonwealth of Puerto Rico
Puerto Rico Planning Board
P.O. Box 9447
Santurce, PR 00908
Contact: Rafael Alonso Alonso, Chairman, 809/726-6200
\$40,000 / FY 1974

The design and presentation of the Patapsco River Restoration Plan--"intended to preserve this small Maryland river much as historic buildings are preserved"--was funded. The goal: to show by this small example how larger and more complex river systems can be restored as publicly or privately held trusts contributing to the beauty of the landscape.

Rurik F. Ekstrom
10351 Barcan Circle
Columbia, MD 21044
\$8,875 / FY 1974

The use of river and stream corridors within Elkhart, Indiana, for varied recreation was studied. Included was a land-use feasibility study, construction cost estimate program, and costing and implementation plan. Emphasis was on walking and bicycle paths; rest areas; and canoe, kayak, and rowing facilities; with a system for returning boats and bicycles to the point of origin after use.

Raymond L. Enfield
405 South Second Street
Elkhart, IN 46514
\$10,000 / FY 1974

Environmental design input to the California Coastal Zone Plan was funded. This project provided part of the design element of the plan by identifying the design values found in the coastal area and suggesting policies for the preservation of these values.

William H. Liskamm
10 Napier Lane
San Francisco, CA 94133
\$9,500 / FY 1974

The historic and cultural landscape elements of the French Creek Iron County in Pennsylvania were to be surveyed and analyzed under this grant. This is the second phase of a program to preserve and conserve critical architectural and landscape elements which provide visual quality in America.

French and Pickering Creeks Conservation Trust, Inc.
P.O. Box 360, RD 2
Pottstown, PA 19464
Contact: Thomas W. Richards, Director, 703/527-1566
\$14,000 / FY 1975

An environmental design-options program for the lower Rio Grande area was intended "to provide local officials with tools and techniques to make sound land-use decisions allowed under state laws." The area's highly specialized citrus and sugar cane land is undergoing urban sprawl at a very high rate. The program was conducted by Texas A & M University faculty, selected consultants and graduate students, and included workshops for officials at all government levels in the area.

Texas A & M University
College Station, TX 77843
Contact: James R. Gardner, Department of Urban and Regional Planning, 713/845-1047
\$20,521 / FY 1975

A manual to assist landowners to manage, improve, or dispose of land--"in a way that realizes maximum benefits to both himself and his community"--was funded. The goal: "a sound appreciation of the responsibility and opportunity of land stewardship which is essential to the conservation of Maine's rural landscape." This grant was terminated without completion.

State of Maine
Department of Conservation
State House
Augusta, ME 04330
Contact: Donaldson Kochs, Commissioner, Department of Conservation, 207/289-2791
\$25,000 / FY 1975

Townscape conservation in selected New England cities and towns was the focus of this project. The grantee provided a visual awareness process for local residents, consultations with merchants and property owners, and advocacy of corporate and local governmental policy to selected communities with environmental quality but limited financial and professional resources.

Vision, Inc.
Suite 601
678 Massachusetts Avenue
Cambridge, MA 02139
Contact: Michael Robinson, Director of Urban Design,
617/491-3763
\$15,000 / FY 1975

Economic feasibility studies and site designs for America's first Shaker settlement (Watervliet, New York) were to be undertaken as a result of this grant. In preparation for a public bond referendum on land acquisition, the project was to consider adaptive use and recreation potential for the small village and 700 acres of open space surrounding it.

Town of Colonie
Memorial Town Hall
Newtonville, NY 12128
Contact: Peter Wolf, 8 West 40th Street, New York,
NY 10018, 212/947-0765
\$16,400 / FY 1976

The rehabilitation of the City of Greenbelt, Maryland--an important new town built by the Federal government in 1930--received funding. Funds were to assist with structural, financial and design studies, including the development of prototype treatments for improving buildings and grounds. Special emphasis was to be placed on open space preservation.

City of Greenbelt
25 Crescent Road
Greenbelt, MD 20770
Contact: Kenneth J. Kopstein, Assistant General Manager,
Greenbelt Homes, Inc., Hamilton Place, Greenbelt, MD
20770, 301/474-5566
\$20,000 / FY 1977

A program to advance public interest in preserving the rural landscape was developed by the Iowa Division of Historic Preservation. Assistance was for preparation of illustrated materials, development of a course and a conference.

State of Iowa
Division of Historic Preservation
26 East Market Street
Iowa City, IA 52240
Contact: Adrian D. Anderson, Director, Division of
Historic Preservation, Iowa State Historical Department,
319/353-4186
\$16,765 / FY 1977

Study of an urban corridor along the Potomac River in Montgomery County, Maryland, and its proposed zoning as an urban conservation area was made by the America the Beautiful Fund for a coalition of 25 civic associations. The study was intended to provide direction for citizen participation in the county's decision-making process.

America the Beautiful Fund
219 Shoreham Building
Washington, DC 20005
Contact: Paul Bruce Dowling, Executive Director,
202/638-1649
\$12,500 / FY 1978

To encourage the most efficient use of landscape in Fayette County, Kentucky, for tourism and community uses, grantee conducted field surveys of significant physical and visual features and made recommendations for preservation. A publication incorporating the findings was intended to increase public awareness and understanding of the project.

Blue Grass Land and Nature Trust
712 West Short Street
Lexington, KY 40508
Contact: Nils Nordquist, 606/258-8605
\$1,000 / FY 1978

An Historical Preservation Plan for the coastal zone of San Mateo County, California, was developed in conjunction with the formation of the local Coastal Program. The preservation plan was to provide guidance for new development that would be compatible with the character of small rural villages such as San Gregorio and Pescadero.

County of San Mateo
County Government Center
Redwood City, CA 94063
Contact: Dennis Kein, Senior Planner, 415/364-5600
\$20,815 / FY 1978

To protect threatened urban wildsites in Boston, grantee conducted research to determine ownership of the land, obtain real-estate appraisals, and develop conditional purchase-and-sale agreements.

Fund for Preservation of Wildlife and Natural Areas
175 Federal Street
Boston, MA 02110
Contact: John Blackwell, Boston Natural Areas Fund
Committee, 73 Temont Street, Boston, MA 02108,
617/227-3285
\$20,000 / FY 1978

To incorporate urban design concepts into a statewide land planning, the Alaska Division of Lands researched "the experiences of other cities which have acquired surrounding lands in order to control the location, quality, and timing of urban developemnts." Products of the project were to include demonstration models for urban design and land management programs and a series of community presentations.

State of Alaska
Department of Natural Resources
Division of Lands
323 E. 4th Avenue
Anchorage, AK 49501
Contact: Stephen M. Reeve, Chief, Planning/Classification, Alaska Division of Lands, 907/279-5577
\$15,000 / FY 1978

Environmental Education and Awareness

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A method of simulating spaces and environments with projected images was developed, using one silent and one sound 8mm projector, one stereophonic tape recorder, and two 35mm slide projectors with multi-image lens adaptors. Three films were developed--one showing a ride on an interstate highway; another a panorama of architectural spaces; and "Dump-Eat," a program on consumerism and landscape. One of the three, entitled "Filmscapes," was produced for public viewing.

John F. Furlong
95 Fairmont Street
Arlington, MA 02174
\$4,600 / FY 1970

CITY/2, an exhibit, dramatized the amount of public space in Philadelphia and the argument that "the publicly-owned land is the most pervasive, insistent single influence on the urban visual experience." (Forty percent of all land in the average American city is publicly owned, the figure in Philadelphia is fifty-five percent.) The goal was a standard for civic environmental performance; "to define concepts and establish responsibilities for the urban visual experience."

Philadelphia Museum of Art
P.O. Box 7646
Philadelphia, PA 19101
Contact: Richard Saul Wurman, 1214 Arch Street,
Philadelphia, PA 19107, 215/564-4400
\$10,000 / FY 1970

A program to publicize and encourage use of Boston's "Urban Wilds"--her hilltops, shorelines, wetlands, and historic open spaces--was developed. Phase One, to be implemented for the Bicentennial, was a citywide traveling exhibition and guide of these spaces, and a guidebook to walking and bike tours of these historic and scenic locations.

Boston Redevelopment Authority
City Hall
Room 900
2 City Hall Square
Boston, MA 02201
Contact: John R. Blackwell, Boston Natural Areas Fund,
73 Tremont Street, Boston, MA 02108, 617/624-5300
\$50,000 / FY 1974

A book on "places for celebration" in three American cities was financed. Photographs, drawings, and text suggest how spaces can be used as stage sets for various scales of celebration--with emphasis on presenting cities as our greatest expression of identity for the Bicentennial.

J. P. Chadwick Floyd
4200 49th Street, NW
Washington, DC 20016
\$10,000 / FY 1974

A public awareness program documenting benefits of pedestrian districts in an effort to foster the idea that "the pedestrian is the paramount user of the city"--was funded. Project included a traveling exhibit of the most successful pedestrian experiments around the world, several publications discussing the issues and conflicts involved, and a series of open forums for debate. There was emphasis on a study demonstrating not just improved environment, but improved economics of the city as a result of attitudinal changes.

Institute for Environmental Action, Inc.
81 Leonard Street
New York, NY 10013
Contact: Roberto Brambilla, Director, 212/966-6390
\$15,000 / FY 1974

An environmental program for the Virginia Piedmont countryside was begun to create more public and governmental awareness and to identify and protect positive characteristics. Heavy emphasis was placed on development of legal means to implement controls on design and land use indicated by the study, and on developing education processes to foster citizen concern and to aid regional and local decision-makers.

Piedmont Environmental Council
28-C Main Street
Warrenton, VA 22186
Contact: W. P. Dinsmoor White, Executive Director,
703/347-2334
\$41,000 / FY 1974

A series of three town meetings in California, held to discuss environmental and design problems and build public awareness of solutions and action needed, were funded. One was held in Sacramento--where a unique multipurpose recreation facility of excellent design is threatened by conflicting claims on river use, and two were held in southern California where conflict exists over the use of the California desert. Materials developed for the meetings were to be used as a continuing education resource.

California Tomorrow
681 Market Street
Room 1059
San Francisco, CA 94105
Contact: John W. Abbott, Executive Secretary and Editor,
415/391-7544
\$27,660 / FY 1975

General education programs by the Seattle Office of Urban Conservation were funded--including "More Streets for People" and other programs directed by increasing public awareness of conservation principles. Additionally, new conservation projects were instigated.

City of Seattle
Municipal Building
Seattle, WA 98104
Contact: Arthur M. Skolnik, 206/583-6054
\$10,000 / FY 1975

An environmental awareness program for Hawaii--focusing on reducing present polarizations by stressing the "how" rather than the "whether" of development--reached the public through films and educational materials, studies of Hawaii's existing land use and environmental laws and policies, and education programs to schools and citizen groups. The hope was that "citizen groups would maintain cooperative relations with planning authorities and work towards higher quality design solutions."

Hawaii State Foundation on Culture and the Arts
250 South King Street
Honolulu, HI 96813
Contact: Frank S. Haines, FAIA, 808/548-4145
\$20,000 / FY 1975

An exhibition on the streets of Washington, DC, was to be produced for display in the Union Station Visitors Center. The streets--past, present, and future--were to be shown through drawings, photographs, diagrams, artifacts, and an audio/visual show.

American Institute of Architects Foundation, Inc.
1735 New York Avenue, NW
Washington, DC 20006
Contact: Jeanne Butler Hodges, 202/638-3105
\$110,000 / FY 1976

Design studies and public awareness efforts for selected streetscapes in Brooklyn and Manhattan were assisted by this grant. Chosen for the special character that each provides to its surrounding neighborhood, the streets were to include Mulberry Street in Little Italy; and Broadway, Court Street, and Newkirk Plaza in Brooklyn. Emphasis was to be on providing design options and implementation tools to community residents committed to community enhancement.

City Planning Department Fund
2 Lafayette Street
New York, NY 10007
Contact: Raquel Ramati, Director, Urban Design Group,
212/566-0600
\$20,000 / FY 1976

The Cleveland Restoration Festival was supported by this grant. Intended to dramatize economic and cultural benefits of improved urban environments, the Festival was to include audio-visual presentations and displays in schools, libraries, and other public spaces; tours; block parties; and the opening of a store-front Community Design Center.

Cleveland Area Arts Council
140 The Arcade
Cleveland, OH 44114
Contact: Nina Gibans, 216/781-0045
\$5,000 / FY 1976

A public awareness program on visual environmental issues of Lafayette, Louisiana, was funded under this grant. The program was to consist of a film on architecture, a photographic competition and exhibition on rural-urban relationships, and various symposia and lectures involving the participation of outstanding artists and designers.

Lafayette Natural History Museum and Planetarium
Association, Inc.
637 Girard Park Drive
Lafayette, LA 70501
Contact: Neil Martin Nehrbass, 318/234-2347
\$10,000 / FY 1976

Research and script development for a one-hour television program on urban river gorges and falls were supported by this grant. The research was to examine seven such urban river sites across the country as case studies for their deterioration over the last century. Options for the prevention of further deterioration and restoration were to be explored.

Roy B. Mann
72 River Road
Merrimacport, MA 01860
\$8,000 / FY 1976

A book dealing with children's personal outdoor space was to be prepared under this grant for use by teachers, parents, and planners.

Robin C. Moore
Department of Landscape Architecture
2020 Wurster Hall
University of California
Berkeley, CA 94720
\$9,640 / FY 1976

To increase public awareness and involvement in the reuse of Main Street in Ogden, Utah, was the focus of this project. An audio-visual presentation and brochure were planned.

Ogden City Corporation
Department of Community Development
2650 Washington Boulevard
Ogden, UT 84401
Contact: Richard L. Larsen, City Manager, 801/399-8011
\$5,910 / FY 1976

An environmental awareness program for junior high school students in Lawrence, Kansas, was funded. The project was to expand their consciousness of the effects of major architectural and spatial elements in the environment.

University of Kansas
Lawrence, KS 66045
Contact: Dolores Brooking, Curator of Museum Education,
University of Kansas Museum of Art, 913/864-4710
\$2,968 / FY 1976

Workshops and materials for an environmental education program with citywide participation by students and teachers were supported. Students designed thematic walking tours of their school neighborhoods and produced annotated maps for the walks. The program was administered by the Council on the Environment of New York City.

Administration and Management Research Corporation
of New York City, Inc.

Contact: Michael Zamm, Project Director, Council on
the Environment of New York City, 51 Chambers Street,
Room 228, New York, NY 10007, 212/566-0990
\$12,220 / FY 1977

Documentation and evaluation of the architecture/environmental arts component of the Artists-in-Schools Program were carried out with this grant. The program places architects and landscape architects in short-term residencies in elementary and secondary schools to develop projects and learning materials on the built environment.

Educational Futures, Inc.

2118 Spruce Street

Philadelphia, PA 19103

Contact: Aase Eriksen, Director, 215/735-2118

\$32,100 / FY 1977

Continuation of the Environmentatl Internship Program in New England and New York was funded. Student interns provide short-term technical assistance to community organizations and government agencies, and participate in interdisciplinary workshops and seminars to enhance their field experience.

Massachusetts Audubon Society

Lincoln, MA 01773

Contact: Susan W. Hunnewell, Director, Environmental
Intern Program. 617/259-9500

\$10,000 / FY 1977

Development of creative alternatives for eliminating visual blight at key sites in New York City was supported. Grantee proposed to devise "low cost design solutions that can make a dramatic improvement" and to utilize them in a program of broad public education, including a "before/during/after" slide show, exhibit, materials, a poster and brochure.

Municipal Art Society

457 Madison Avenue

New York, NY 10022

Contact: Bronson Binger, Vice President, 212/935-3960

\$10,000 / FY 1977

Preparation of graphic material and the layout for a book on environmental awareness were supported by this grant. The publication was derived from a field-tested pilot course on design and environmental decision-making.

University of Texas at Arlington

School of Architecture and Environmental Design

Arlington, TX 76010

Contact: George W. Wright, Dean, 817/273-2801

\$6,000 / FY 1977

"Search for a New Land Ethic" was the theme of an international forum of landscape architecture students and professionals held at Virginia Polytechnic Institute and State University. Grant funds were used for the contributions of professionals from disciplines normally outside the mainstream of land planning and use.

Virginia Polytechnic Institute and State University
Blacksburg, VA 24061
Contact: Alan Winslow, Project Director, 703/951-5383
\$9,990 / FY 1977

A touring lecture-exhibit program on Arcology--Paolo Solari's concept of ecologically sound architecture in urban design--was assisted. The program would be "in residence" at host institutions for one week periods to present information and provide a forum for discussion of urban design issues.

Cosanti Foundation
6433 Doubletree Road
Scottsdale, AZ 85253
Contact: Jeffrey Stein, Architectural Design/Research,
607/948-6145
\$3,000 / FY 1978

Development of an Architects in Communities program--to place architects and landscape architects in residencies in community institutions--was assisted by this grant. Grantee formulated program concepts, guidelines for funding of applicants and a pilot program.

Educational Futures, Inc.
2118 Spruce Street
Philadelphia, PA 19103
Contact: Aase Eriksen, Director, 215/735-2118
\$15,810 / FY 1978

Documentation and evaluation of the architectural/environmental arts component of the Artists-in-Schools Program were continued for a second year with this grant.

Educational Futures, Inc.
2118 Spruce Street
Philadelphia, PA 19103
Contact: Aase Eriksen, Director, 215/735-2118
\$22,060 / FY 1978

A citywide sign system--identifying ethnic group achievements and sites in the varied neighborhoods of Salem, Massachusetts--was intended to give residents "a sense of historical connection between themselves and their environment."

Historic Salem, Inc.
P.O. Box 865
Salem, MA 01970
Contact: Robert A. Booth, Jr., Director of Research,
617/744-8804
\$9,775 / FY 1978

An audio-visual presentation from the exhibit "More Streets for People" was converted to 16mm film for wider distribution to educational and community groups.

Institute for Environmental Action, Inc.
81 Leonard Street
New York, NY 10013
Contact: Roberto Brambilla, 212/260-6278
\$5,000 / FY 1978

A one-year environmental design program assisted by this grant was intended for design students, practicing professionals, and the general public. The project's goals: to increase the proficiency of professional and preprofessional environmental designers; generate new information and design concepts for the region; and increase public awareness of design.

North Carolina Agricultural and Technical State University
Greensboro, NC 27411
Contact: C. A. Fountain, 919/379-7520
\$15,000 / FY 1978

A 16mm film of "If You Want to Change Your City"--the principal module from the exhibition "The Streets of Washington"--was produced and made available for distribution through professional societies and the agencies which participated in the exhibition.

Joseph R. Passonneau
3015 Que Street, NW
Washington, DC 20007
\$17,500 / FY 1978

An education program on the use of observation research to plan design improvements to public spaces was developed for administrators, design professionals, and students. Grantee prepared curriculum materials and conducted an initial training program.

Project for Public Spaces, Inc.
875 Avenue of the Americas
New York, NY 10001
Contact: Fred Kent, Director, 212/564-2906
\$15,000 / FY 1978

Beautification of Cleveland's rapid transit right-of-way was to be initiated through an environmental education project involving community groups, students, and local design professionals. Assistance was for development of a slide show on the clean-up program, preparation of materials for use in the classroom, and support of artists and landscape architects who would work in the classroom with students on specific improvement efforts.

Rapid Recovery, Inc.
1404 East 9th Street
Cleveland, OH 44144
Contact: Holly Bierrer, Assistant Director, 216/566-7396
\$10,000 / FY 1978

A Guide to New York City Open Spaces was researched and produced with this grant. Included in the guide were listings of parks, plazas, streets, playgrounds and other open spaces and suggested walking tours of selected areas. Two mobile exhibits for outdoor display were developed to highlight less well-known spaces in Manhattan and other boroughs.

Research Foundation of the City University of New York,
 Convert Avenue at 138th Street
 New York, NY 10031
 Contact: Paul M. Friedberg, Director, Urban Landscape Program, City College of New York, 212/247-8480
 \$24,020 / FY 1978

Seminars and informational materials on recycling vacant urban lands for recreational and open-space uses were funded as part of a comprehensive program to train community leaders in this process.

The Trust for Public Land, Inc.
 82 Second Street
 San Francisco, CA 94105
 Contract: John E. Nelson, Director of Training,
 415/495-4014
 \$15,000 / FY 1978

Learning materials for "The Campus Course"--a program to introduce environmental design to a wide spectrum of students and community members in the San Francisco-Bay area--were developed with this grant. Materials were based on the concept that "college and university campuses are designed environments, and that they are available for use as experiential learning laboratories through--personalized, self-paced and self-guided instructional materials."

University of California-Berkeley
 M-11 Wheeler Hall
 Berkeley, CA 94720
 Contact: Roger Montgomery, Professor of Architecture and City Planning, 415/642-0832
 \$22,890 / FY 1978

"The Livable Winter City" was the theme of two international conferences held in 1978 and 1979 on enhancement of the design and livability of far northern cities in North America. Conferees from the United States, Canada, Great Britain, Scandinavia and the Soviet Union focused on three subject areas; the design and physical appearance of buildings in cold-weather environments, landscaping considerations, and human activities in winter cities including outdoor recreation and transportation needs.

University of Minnesota
 2642 University Avenue
 St. Paul, MN 55114
 Contact: William C. Rogers, Director, Continuing Education in public policy, 612/373-3709
 \$7,710 / FY 1978

A guide to basic principles of landscape design and vocabulary of usage of landscape plantings for designers was developed. Emphasis was on plants as functional design elements beyond beautification. Results were set forth in Plants, People, and Environmental Quality, published by the ASLA Foundation and the National Park Service; and were included in the author's book, Planting Design.

Gary O. Robinette
2360 Antigua Ct.
Reston, VA
\$4,800 / FY 1970

"Natural determinants and environmental factors affecting quality of human life" were studied. The goal was to identify these factors, and apply them to analyzing a specific example of environmental design.

John W. Seddon, Jr.
162 Old Briarcliff Road
Briarcliff Manor, NY 10510
\$5,000 / FY 1970

Laws and practices affecting land use in France and Great Britain were studied, with emphasis on the way in which government programs and tax laws have encouraged conservation of scenic and culturally significant properties. Goal was a series of articles on applicability of this experience to planning in the United States.

William K. Reilly
Conservation Foundation
1717 Massachusetts Avenue, NW
Washington, DC 20036
\$5,000 / FY 1972

Documentation in slides of good and bad public spaces in Europe and the United States was part of the grantee's continuing research in all causes of urban visual blight. Information on the study was published in two issues of On Site, a magazine of 5,000 circulation; and presented at colleges and major conferences.

Sculpture in the Environment, Inc.
60 Greene Street
New York, NY 10012
Contact: Alison Sky, Vice President, 212/226-8345
\$10,000 / FY 1972

Use of rooftop space for public and semipublic activities--cultural and/or recreational--was studied. Focus of the team of investigators was legal regulation, low-cost design, construction and equipment solutions.

Cooper Union for the Advancement of Science and Art
Cooper Square
New York, NY 10003
Contact: George Sadek, Dean, School of Art and Architecture, 212/254-6300
\$45,150 / FY 1973

Research stressing the esthetic factor in surface-mine rehabilitation included inspection, documentation, and assessment of already reclaimed sites in Appalachia. "A primary target is a land form taxonomy and syntax so precisely defined as to be computer-programmable." A report, articles, a collection of graphics and scale models, and computer-graphic programs were planned.

University of Massachusetts Institute for Man and Environment
Amherst, MA 01001
Contact: Ervin H. Zube, 415/545-0648
\$15,540 / FY 1975

The role of "city edges" between low- and middle-income housing in communities with scattered-site housing was studied. Contemporary alternatives to the railroad track, a traditional divider, were studied. Examples: open spaces, streams, major arteries, shopping and service streets. The goal: edges which are conducive to increasing both social interaction and the feeling of security in residentially desegregating areas.

University of North Carolina
Chapel Hill, NC 27514
Contact: Sidney Conn, Center for Urban and Regional Studies, 519/933-5204
\$40,000 / FY 1974

Extensive research into the historical development of regional land-use planning in Utah, and its impact on the American West, was funded. A slide presentation and illustrated publication were planned by the grantee.

James D. Webster
161 East 3rd Avenue
Salt Lake City, UT 84103
\$5,450 / FY 1975

An investigation of the development of American landscape was planned under this grant. The study was to look at the "historical, cultural, economic, and technological forces which have created the form of the American landscape." A publication describing the findings was to be prepared.

Robert Fraser
Landscape Architecture Program
College of Architecture
Virginia Polytechnic Institute and State University
Blacksburg, VA 24061
\$9,550 / FY 1976

A study of the critical elements in determining the viability of downtown areas of small cities was funded. The focus of the project was to be on "the aesthetic and spacial relationships which form the focal point of the downtown.

Thomas J. Lando
772 Grandon Avenue
Bexley, OH 43209
\$4,000 / FY 1976

An evaluation of common problems and planning alternatives for resource towns in Wyoming was the aim of this project. This study was to investigate the economic development of this historic frontier region of single-function, rapid-growth towns; to evaluate the scenic qualities of the environment; and to assess public reaction to the landscape.

Heather E. McCartney
2662 Taliesin Drive
Kalamazoo, MI 49008
\$5,000 / FY 1976

A handbook for designers on fountains and waterworks was funded under this grant. The publication was to include dimensional drawings and photographs of successful fountains in the United States and abroad as well as original research on forms and materials for use in designing fountains.

Charles W. Moore
230 Amalfi Drive
Santa Monica, CA 90402
\$9,700 / FY 1976

Preparation of a book on structure in nature as the basis for an approach to design was the focus of this grant.

Peter J. Pearce
3838 Carpenter Avenue
Studio City, CA 91604
\$7,500 / FY 1976

Continuation of earlier studies on environmental design issues in a nine-county region of Virginia was supported by this grant. These studies were to lead to development of improved environmental design standards and principles in existing political, social, and economic processes. Results of these studies were to be distributed through leaflets, manuals, slide shows, and other print and news media.

Piedmont Environmental Council
28C Main Street
Warrenton, VA 22186
Contact: W. P. Dinsmoor White, Executive Director,
703/347-2334
\$20,000 / FY 1976

Design standards for the siting of mobile and modular housing developments in rural Pennsylvania were developed by the College of Arts and Architecture at Pennsylvania State University. Grantee anticipated that the identified design approaches would have direct application to community design and planning, zoning, and subdivision regulations.

The Pennsylvania State University
College of Arts and Architecture
1140 Arts Building
University Park, PA 16802
Contact: David L. Young, Project Director and Head,
Department of Landscape Architecture, 814/865-9511
\$15,000 / FY 1977

A report on special requirements for planning and design in the Far North was prepared by the Institute of Social, Economic and Government Research at the University of Alaska. The study report was to synthesize knowledge about design requirements for work, residential and recreational environments; and to serve as a guide to Arctic planning and construction.

University of Alaska
Institute of Social, Economic and Government Research
Fairbanks, AK 99701
\$20,000 / FY 1977

pg. Alaska

- State of Alaska
 - 44 15,000/78
 - University of Alaska
 - 56 20,000/77
-

Arizona

- Cosanti Foundation
 - 50 3,000/78
-

Arkansas

- State of Arkansas
 - 24 30,000/78
-

California

- California Tomorrow
 - 46 27,660/75
 - Chinatown Neighborhood Improvement Resource Centter
 - 22 15,000/78
 - City of Pasadena
 - 22 50,000/77
 - City of Sebastopol
 - 41 5,000/74
 - County of San Mateo
 - 44 20,815/78
 - The East Los Angeles Community Union
 - 28 38,610/76
 - Craig Ellwood
 - 36 10,000/73
 - Ronald C. Filson
 - 10 7,000/76
 - Richard A. Gutierrez
 - 34 10,000/76
 - William H. Liskamm
 - 42 9,500/74
 - Charles W. Moore
 - 55 9,700/76
 - Robin C. Moore
 - 48 9,640/76
 - Judith Munk
 - 17 10,000/74
 - Peter J. Pearce
 - 55 7,500/76
 - San Francisco Planning and Urban Renewal Association
 - 37 9,300/75
 - Sierra Club Foundation
 - 9 40,000/73
 - Sherwood B. Stockwell
 - 40 4,500/71
 - The Trust for Public Land, Inc.
 - 52 15,000/78
 - University of California-Berkeley
 - 52 22,890/78
 - University of Southern California
 - 39 30,000/69
 - Paul T. F. Wang
 - 18 7,300/74
-

Colorado

- Animas Regional Planning Commission
- 21 3,149/77
- City of Leadville
- 14 20,000/78
- Historic Denver, Inc.
- 12 50,000/74
- South Platte River Greenway Foundation, Inc.
- 11 1,350/78

Delaware

- City of Wilmington
29 30,000/77
23 15,000/78
Delaware State Arts Council
31 18,200/72
-

District of Columbia

- America the Beautiful Fund
44 12,500/78
American Institute of Architects Foundation, Inc.
47 110,000/76
The Conservation Foundation
14 15,000/77
District of Columbia
17 50,000/74
20 50,000/76
District of Columbia Bicentennial Commission
16 50,000/74
District of Columbia Public Library
17 42,700/74
Donald William Evans
31 4,900/71
J. P. Chadwick Floyd
45 10,000/74
Lois G. Jackson
26 5,000/74
Joseph R. Passonneau
51 17,500/78
William K. Reilly
53 5,000/72
-

Florida

- Arts Council of Tampa
33 11,790/76
Center for Design Planning
18 42,960/76
Environmental Education, Inc.
35 2,849/78
Metropolitan Dade County
26 15,000/74
-

Georgia

- Atlanta Great Park Planning, Inc.
22 10,000/78
City of Decatur
27 12,500/76
City of Gainesville
25 19,000/74
James R. Cothran
25 2,000/70
Michael A. Kreski
17 2,000/74
-

Hawaii

- Hawaii State Foundation on Culture and the Arts
47 20,000/75
-

Illinois

- City of Aurora
8 42,000/74
City of Chicago
8 40,000/74
Lake Michigan Region Planning Council
39 10,000/67
The Open Lands Project
35 13,000/77
Village of London Mills
13 900/75

Indiana

- City of Bloomington
16 7,500/74
City of Terre Haute
29 9,000/77
Raymond L. Enfield
41 10,000/74
-

Iowa

- Davenport Levee Improvement Commission
9 18,750/74
State of Iowa
43 16,765/77
-

Kansas

- University of Kansas
48 2,968/76
-

Kentucky

- Blue Grass Land and Nature Trust
44 1,000/78
City of Louisville
19 47,000/76
City of Morganfield
16 3,000/74
University of Kentucky Research Foundation
39 30,000/69
-

Louisiana

- City of New Orleans
7 40,000/73
19 10,000/76
38 40,860/77
Jack R. Cosner
12 10,000/74
Lafayette Natural History Museum and Planetarium
Association, Inc.
48 10,000/76
Tulane University
7 30,000/69
-

Maine

- City of Eastport
11 10,000/78
City of Portland
8 39,645/73
State of Maine
42 25,000/75
-

Maryland

- City of Baltimore
32 25,000/74
15 40,000/74
City of Greenbelt
41 8,875/74
Rurik F. Ekstrom
41 8,875/74
Historic Annapolis, Inc.
13 9,566/75
Stronghold, Inc.
33 16,000/74

Massachusetts

- Boston Redevelopment Authority
45 50,000/74
9 10,000/76
Boston 200 Corporation
31 35,000/74
Cambridge Arts Council Fund
38 20,000/78
City of Lowell
9 30,330/74
14 25,000/78
City of Salem
36 15,000/77
Fund for Preservation of Wildlife and Natural Areas
44 20,000/78
John F. Furlong
45 4,600/70
Historic Salem, Inc.
50 9,775/78
Roy B. Mann
48 8,000/76
Massachusetts Audubon Society
49 10,000/77
The Museum of Afro-American History
30 14,200/78
Glenn E. Sweitzer
37 11,000/74
Richard Tatlock
40 5,000/70
University of Massachusetts Institute for
Man and Environment
54 15,540/75
The Vineyard Open Land Foundation
33 14,750/75
Vision, Inc.
43 15,000/75
Worcester Cooperative Council, Inc.
21 25,000/76
-

Michigan

- Ann Arbor Tomorrow
18 10,000/76
City of Marquette
32 3,844/74
Heather E. McCartney
55 5,000/76
-

Minnesota

- City of Duluth
21 22,440/77
City of St. Cloud
28 29,980/77
University of Minnesota
52 7,710/78
-

Missouri

- City of St. Louis
34 11,500/77
-

Montana

- Bozeman City-County Planning Board
31 9,475/74

New Hampshire

- 20 Town of Chester
500/76
Town of Colebrook
28 5,000/76
Town of Milford
30 3,100/77
-

New Jersey

- 19 City of Jersey City
6,530/76
City of Trenton
32 31,430/74
Great Falls Development, Inc.
9 11,410/75
Joyce Haney
40 9,750/73
New Jersey Conservation Foundation
23 18,630/78
Tocks Island Regional Advisory Council
39 10,000/67
-

New Mexico

- 7 City of Albuquerque
40,000/73
18 30,000/76
City of Santa Fe
12 21,492/74
-

New York

- Administration and Management Research Corporation
of New York City, Inc.
49 12,220/77
Associated Colleges of the Mid-Hudson Area
34 7,500/77
George R. Beggs
27 8,610/76
Bronx River Restoration Project, Inc.
35 18,000/76
• City of Saratoga Springs
19 10,000/76
City of Yonkers
23 15,000/76
City Planning Department
47 20,000/76
Cooper Union for the Advancement of Science and Art
53 45,150/73
Downtown Brooklyn Development Association, Inc.
37 18,000/75
Elaine Summers Experimental Intermedia Foundation
37 10,000/75
Institute for Environmental Action, Inc.
46 15,000/74
27 10,000/75
27 23,000/76
51 5,000/78
Institute of Human Relations of the American Jewish
Committee
34 20,000/76
Municipal Art Society
49 10,000/77
New York Botanical Garden
37 16,500/75

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- 33 The Parks Council
25,000/74
Project for Public Spaces, Inc.
29 5,000/77
29 10,000/77
23 5,000/78
51 15,000/78
Queens Council on the Arts
36 10,000/72
36 20,000/73
Research Foundation of the City University of
New York
52 24,020/78
Frank Sanchis
33 4,000/74
Sculpture in the Environment, Inc.
53 10,000/72
John W. Seddon, Jr.
53 5,000/70
Society of the Advancement of the Visual Environment
20 6,220/76
Town of Colonie
43 16,400/76
James H. Tyner
25 7,100/71
Village of Ossining
30 25,000/77
Wave Hill, Inc.
20 20,000/76
-

North Carolina

- City-County Planning Board of Forsyth County
and Winston-Salem
21 24,190/77
City of Wilmington
13 17,300/77
North Carolina Agricultural and Technical State
University
51 15,000/78
University of North Carolina
54 40,000/74
-

Ohio

- William A. Brenner
15 5,000/74
City of Columbus
40 40,000/74
27 25,000/76
City of Upper Arlington
38 3,625/76
Cleveland Area Arts Council
47 5,000/76
Thomas J. Lando
54 4,000/76
Rapid Recovery, Inc.
51 10,000/78
-

Pennsylvania

- City of Philadelphia
16 50,000/74
City of Reading
15 21,045/73
City of York
14 12,100/77
Educational Futures, Inc.
49 32,100/77
50 15,810/78
50 22,060/78

25 Dale R. Fox
6,000/74
45 French and Pickering Creeks Conservation Trust, Inc.
14,000/75
The Pennsylvania State University
55 15,000/77
Philadelphia Museum of Art
45 10,000/70
Pittsburgh Architects Workshop
35 5,970/78
Pittsburgh History and Landmarks Foundation
22 9,800/77
29 39,400/77

Puerto Rico

9 Youth Action Administration
25,000/75
41 Commonwealth of Puerto Rico
40,000/74

Rhode Island

17 Gloria Root
10,000/74
Rhode Island School of Design
26 50,000/74
Friedrich St. Florian
7 10,000/72

South Carolina

32 Camden Historical Commission
5,750/74
City of Spartanburg
38 5,000/76
South Carolina Arts Commission
36 15,405/74

Tennessee

28 City of Memphis
25,000/77

Texas

40 Citizens for a Better Environment, Inc.
25,000/74
Community Design Center of Dallas, Inc.
34 5,000/76
John Andrew Gallery
25 10,000/74
Galveston Historical Foundation, Inc.
12 42,000/74
Texas A & M University
42 20,521/75
University of Texas
8 40,000/73
49 6,000/77

Utah

48 Ogden City Corporation
5,910/76
James D. Webster
54 5,450/75

Vermont

10 City of Burlington
20,000/76
27 50,000/76

Virginia

- City of Portsmouth
28 10,820/77
Gary O. Robinette
53 4,800/70
Robert Fraser
54 9,550/76
National Recreation and Park Association
15 15,000/72
Piedmont Environmental Council
46 41,000/74
55 20,000/76
Virginia Polytechnic Institute and State University
50 9,990/77
The Waterford Foundation
13 10,000/74
-

Washington

- City of Seattle
32 20,000/74
46 10,000/75
City of Tacoma
10 32,500/76
Oysterville Restoration Foundation
14 4,500/78
-

West Virginia

- City of Huntington
36 34,735/74
-

Wisconsin

- University of Wisconsin
24 25,000/78
Village of Williams Bay
10 4,000/77

